PATENT - POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS
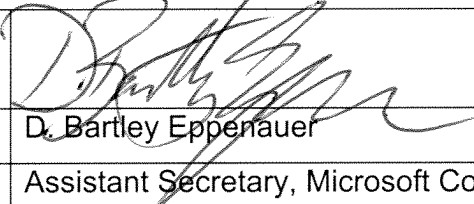
1.　　Microsoft Corporation hereby revokes all previous powers of attorney given in the following patents:

Patent No.	Title	Issue Date	First Named Inventor
6510417	SYSTEM AND METHOD FOR VOICE ACCESS TO INTERNET-BASED INFORMATION	01/21/2003	Steven Gregory Woods
6785688	INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE	08/31/2004	Aram Christian Abajian
8209311	METHODS AND SYSTEMS FOR GROUPING UNIFORM RESOURCE LOCATORS BASED ON MASKS	06/26/2012	Aram Christian Abajian
7225180	FILTERING SEARCH RESULTS	05/29/2007	Thomas E. Donaldson
7359951	DISPLAYING SEARCH RESULTS	04/15/2008	Surendra Goel
7984061	DISPLAYING SEARCH RESULTS	07/19/2011	Surendra Goel
7272597	DOMAIN EXPERT SEARCH	09/18/2007	Abdur R. Chowdhury
7349896	QUERY ROUTING	03/25/2008	Abdur R. Chowdhury
7571157	FILTERING SEARCH RESULTS	08/04/2009	Abdur R. Chowdhury
7818314	SEARCH FUSION	10/19/2010	Abdur R. Chowdhury
8005813	DOMAIN EXPERT SEARCH	08/23/2011	Abdur R. Chowdhury
8135737	QUERY ROUTING	03/13/2012	Abdur R. Chowdhury
7783592	INDICATING RECENT CONTENT PUBLICATION ACTIVITY BY A USER	08/24/2010	Christopher Armstrong
7987198	INDICATING RECENT CONTENT PUBLICATION ACTIVITY BY A USER	07/26/2011	Christopher Armstrong
7974875	SYSTEM AND METHOD FOR USING VOICE OVER A TELEPHONE TO ACCESS, PROCESS, AND CARRY OUT TRANSACTIONS OVER THE INTERNET	07/05/2011	Alexander E. Quilici

7831384	DETERMINING A ROUTE TO DESTINATION BASED ON PARTIALLY COMPLETED ROUTE	11/09/2010	David S. Bill
7835859	DETERMINING A ROUTE TO A DESTINATION BASED ON PARTIALLY COMPLETED ROUTE	11/16/2010	David S. Bill
7668946	TRAFFIC ESTIMATION	02/23/2010	Jose Carlos Garcia-Franco
8024447	TRAFFIC ESTIMATION	09/20/2011	Jose Carlos Garcia-Franco
7774342	RESOLVING QUERIES BASED ON AUTOMATIC DETERMINATION OF REQUESTOR GEOGRAPHIC LOCATION	08/10/2010	Ajaipal Singh Virdy
7987198	INDICATING RECENT CONTENT PUBLICATION ACTIVITY BY A USER	07/26/2011	Christopher Armstrong
6810356	TRAFFIC ESTIMATION	10/26/2004	Jose Carlos Garcia-Franco

2. Microsoft Corporation hereby appoints Practitioner(s) associated with Customer Number **69316** as its attorney(s) or agent(s) with respect to the patents identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

3. Please recognize or change the correspondence address for the above-identified patents to the address associated with the above-mentioned Customer Number.

4. Microsoft Corporation is the Assignee of record of the entire interest in each of the above-identified patents and, as such, is the patent owner.

5. A Statement under 37 CFR 3.73(b) (Form PTO/SB/96) is submitted herewith.

6. The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee, Microsoft Corporation.

Signature of Assignee of Record

Signature		Date	2/18/13
Name	D. Bartley Eppenauer	Telephone	425-882-8080
Title and Company	Assistant Secretary, Microsoft Corporation		